

8EHQ-0295-13335


AKZO NOBEL

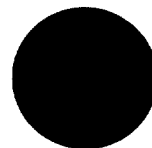
Safety, Environmental
and Regulatory Affairs

ORIGINAL

February 7, 1995

Document Control Officer
Chemical Information Division
Office of Toxic Substances
Room E-108
US EPA
401 M Street, SW
Washington, DC 20460

(A)



95FEB 15 AM 11:17

RECEIVED
APR 1995

Re: TSCA Section 8(e) Notification

Attn: Section 8(e) Coordinator

Contains No CBI

Dear Sir/Madam:

AKZO Nobel Chemicals Inc. submits this notification in accordance with Section 8(e) of the Toxic Substances Control Act and EPA's Statement of Interpretation and Enforcement Policy 43, Fed. Reg. 1110 (March 16, 1978). Aquatic toxicity studies were conducted in Daphnia and Zebra fish on Arquad 18, Arquad 2C-75, and Ethomeen S/12.

1) 112-03-8

2) 61789-77-3

An acute aquatic toxicity study was conducted on Arquad 18 with Brachydanio rerio (Zebra fish) and Daphnia magna. The 96 hour LC₅₀ in the Zebra fish was reported as 0.07 mg/l and the 48 hour EC₅₀ in Daphnia was reported as 0.05 mg/l.

3) 73246-96-5

per submitter

2/22/95

R. Jones

An acute aquatic toxicity study was conducted on Arquad 2C-75 with Brachydanio rerio. The 96 hour LC₅₀ was reported as 0.26 mg/l.

An acute aquatic toxicity study was conducted on Ethomeen S/12 with Brachydanio rerio. The 96 hour LC₅₀ was reported as 0.39 mg/l.

Arquad 18 is made infrequently and only on an as needed or requested basis. It is not soluble in water except at 37°C. In the above referenced study Arquad 18 had to be sonicated in order to get a homogeneous solution. This would not represent actual environmental conditions.

Arquad 2C-75 and Ethomeen S/12 were as tested under laboratory conditions using clean laboratory water. It would be expected that under actual environmental conditions in the presence of solids their toxicity would decrease significantly. Also appropriate controls are in place to minimize release into the environment.



88950000124

Very truly yours,

Richard T. Henrich
Principal Toxicologist
(914) 674-5531
(914) 693-0836 (Fax)

RTH/ahr

2/28/95

AKZO Nobel Chemicals Inc.
5 Littleton Avenue
Dobbs Ferry,
New York 10522-3407
Tel: (914) 674-5000
Fax: (914) 693-0836



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Richard Y. Henrich
Senior Toxicologist
Akzo Nobel Chemicals Inc.
1 Livingstone Avenue
Dobbs Ferry, New York 10522

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

APR 24 1995

EPA acknowledges the receipt of information submitted by your organization under Section 8(e) of the Toxic Substances Control Act (TSCA). For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA §8(e) Document Control Number (e.g., 8EHQ-00-0000) assigned by EPA to your submission(s). Please cite the assigned 8(e) number when submitting follow-up or supplemental information and refer to the reverse side of this page for "EPA Information Requests".

All TSCA 8(e) submissions are placed in the public files unless confidentiality is claimed according to the procedures outlined in Part X of EPA's TSCA §8(e) policy statement (43 FR 11110, March 16, 1978). Confidential submissions received pursuant to the TSCA §8(e) Compliance Audit Program (CAP) should already contain information supporting confidentiality claims. This information is required and should be submitted if not done so previously. To substantiate claims, submit responses to the questions in the enclosure "Support Information for Confidentiality Claims". This same enclosure is used to support confidentiality claims for non-CAP submissions.

Please address any further correspondence with the Agency related to this TSCA 8(e) submission to:

Document Processing Center (7407)
Attn: TSCA Section 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
Washington, D.C. 20460-0001

EPA looks forward to continued cooperation with your organization in its ongoing efforts to evaluate and manage potential risks posed by chemicals to health and the environment.

Sincerely,

Terry R. O'Bryan

Terry R. O'Bryan
Risk Analysis Branch

Enclosure

13335A



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

EPA INFORMATION REQUESTS

Document ID: 8E HQ-0295-13335

EPA requests:

1. ☐ No additional information at this time.
2. ☐ Additional information or clarification on
3. ☒ A full copy of the final report (including the actual experimental protocol, applicable results of gross or histopathologic examinations, data, results of any statistical analyses, etc.) from each study mentioned in your submission.
4. ☐ A description of all voluntary actions taken by your company in response to the findings indicated in your submission.
5. ☐ A complete copy of the current and/or revised Material Safety Data Sheets and labels for the following chemical(s) listed in your submission:

_____	_____
_____	_____
_____	_____
6. ☐

Please direct questions regarding these requests to Mr. Terry O'Bryan (202-260-3483) or Mr. John Myers (202-260-3543) of the OPPT Risk Analysis Branch.

Triage of 8(e) Submissions

Date sent to triage: APR 19 1996

NON-CAP

CAP

Submission number: 13335A

TSCA Inventory: Y N D

Study type (circle appropriate):

Group 1 - Dick Clements (1 copy total)

ECO

AQUATO

Group 2 - Ernie Falke (1 copy total)

ATOX

SBTOX

SEN

w/NEUR

Group 3 - Elizabeth Margosches (1 copy each)

STOX

CTOX

EPI

RTOX

GTOX

STOX/ONCO

CTOX/ONCO

IMMUNO

CYTO

NEUR

Other (FATE, EXPO, MET, etc.): _____

Notes:

THIS IS THE ORIGINAL 8(e) SUBMISSION; PLEASE REFILE AFTER TRIAGE DATABASE ENTRY

For Contractor Use Only

entire document D 0 1 2 pages 1 pages 1

Notes:

Contractor reviewer: POE

Date: 4/21/95

CECATS/TRIAGE TRACKING DBASE ENTRY FORM

CECATS DATA: 0895-1335 SEQ. A

OPTIONARY ACTIONS:
0401 NO ACTION REPORTED
0402 STUDIES PLANNED IN HWAY
0403 NOTIFICATION OF WORKING CHANGES
0404 LABEL/MSDS CHANGES
0405 PROCESS/ANALYSIS CHANGES
0406 APP/USE DISCONTINUED
0407 PRODUCTION DISCONTINUED
0408 CONFIDENTIAL

TYPE: INT. SUPP FLWP
SUBMITTER NAME: AKZO Nobel Chemicals Inc.

INFORMATION REQUESTED: FLWP DATE: 0501 NO INFO REQUESTED

0502 INFO REQUESTED (TECH)
0503 INFO REQUESTED (VOL ACTIONS)
0504 INFO REQUESTED (REPORTING RATIONALE/F)

DISPOSITION:
0639 REFER TO CHEMICAL SCREENING
0678 CAP NOTICE

SUB. DATE: 03/07/95 OTS DATE: 02/15/95 CSRAD DATE: 02/28/95

CHEMICAL NAME: Argquad 18
Argquad 20-75
Ethomeen S12

CAS#
112-03-8
61789-77-3
73246-96-5

INFORMATION TYPE:	P F C	INFORMATION TYPE:	P F C	INFORMATION TYPE:	P F C
0201 ONCO (HUMAN)	01 02 04	0216 EPICLIN	01 02 04	0241 IMMUNO (ANIMAL)	01 02 04
0202 ONCO (ANIMAL)	01 02 04	0217 HUMAN EXPOS (PROD CONTAM)	01 02 04	0242 IMMUNO (HUMAN)	01 02 04
0203 CELL TRANS (IN VITRO)	01 02 04	0218 HUMAN EXPOS (ACCIDENTAL)	01 02 04	0243 CHEMPHYS PROP	01 02 04
0204 MUTA (IN VITRO)	01 02 04	0219 HUMAN EXPOS (MONITORING)	01 02 04	0244 CLASTO (IN VITRO)	01 02 04
0205 MUTA (IN VIVO)	01 02 04	0220 ECO/AQUA TOX	01 02 04	0245 CLASTO (ANIMAL)	01 02 04
0206 REPRO/TERATO (HUMAN)	01 02 04	0221 ENV. OCCUR/REL/FATE	01 02 04	0246 CLASTO (HUMAN)	01 02 04
0207 REPRO/TERATO (ANIMAL)	01 02 04	0222 EMER INCI OF ENV CONTAM	01 02 04	0247 DNA DAM/REPAIR	01 02 04
0208 NEURO (HUMAN)	01 02 04	0223 RESPONSE REQEST DELAY	01 02 04	0248 PROD/USE/PROC	01 02 04
0209 NEURO (ANIMAL)	01 02 04	0224 PROD/COMP/CHEM ID	01 02 04	0251 MSDS	01 02 04
0210 ACUTE TOX. (HUMAN)	01 02 04	0225 REPORTING RATIONALE	01 02 04	0259 OTHER	01 02 04
0211 CHR. TOX. (HUMAN)	01 02 04	0226 CONFIDENTIAL	01 02 04		
0212 ACUTE TOX. (ANIMAL)	01 02 04	0227 ALLERG (HUMAN)	01 02 04		
0213 SUB ACUTE TOX (ANIMAL)	01 02 04	0228 ALLERG (ANIMAL)	01 02 04		
0214 SUB CHRONIC TOX (ANIM L)	01 02 04	0229 METAB/PHARMACO (ANIMAL)	01 02 04		
0215 CHRONIC TOX (ANIMAL)	01 02 04	0240 METAB/PHARMACO (HUMAN)	01 02 04		

USE:

TOXICOLOGICAL CONCERN:

ONGOING REVIEW

TRIAGE DATA: NON-CBI INVENTORY

CAS SR YES NO
YES (DROP/REFER)
NO (CONTINUE)
REFR

SPECIES: Daphnia FISH

LOW MED HIGH

IN HMMI
UNRECD Non-Cap